

CASE: LA0112 NP

CERTIFICATE OF MAILING

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Burton Rodney
Type or print name

Signature

Date

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF
TIMUR GUNGOR, ET AL.

ART UNIT: 1626

EXAMINER: STOCKTON, LAURA LYNNE

APPLICATION NO: 10/775,742

FILED: 02/10/2004

FOR: NOVEL THIAZOLIDINE COMPOUNDS AS CALCIUM
SENSING RECEPTOR MODULATORS

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

DECLARATION OF YONG QUAN

To the Commissioner for Patents and Trademarks:

YONG QUAN DECLARES AS FOLLOWS:

1. He has a Master's degree and is a biologist specializing in chemical compounds activity characterization.
2. He is employed at Bristol-Myers Squibb Company for about 5 years.
3. He is familiar with the laboratory experiments carried out by Zhengping Ma concerning testing of chemical compounds, including the compound of Example 1 of the subject application, for activity as a modulator of the calcium sensing receptor.

CASE: LA0112 NP

4. He signed as a witness laboratory notebook entries made by Zhengping Ma in Notebook No. 49,513, pages 079-081, 083 and 084 (ATTACHMENTS M through Q).
5. All of the above notebook pages were signed by Zhengping Ma prior to October 22, 2001.
6. All of the above notebook pages were witnessed by him prior to October 22, 2001.
7. He is not an inventor of the subject matter claimed in U.S. Application Serial No. 10/775,742.
8. The undersigned declares further that all statements made herein of his own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of application Serial No. 10/775,742 or any patent issued thereon.

Date: *September 20, 2006*



YONG QUAN

49513 179

NOTEBOOK No. PAGE

CaR response in TT cells

TT cells plated out at 24,000 cells/well used (see also 49513-068)
0.8 mM Ca^{2+} basal, 1.7 mM Ca^{2+} stimulation
See also 44676-072 for basic protocol

Plate 1

BMS-515832-02-002 (UM) (A1:C6) synthesis						
	1	2	3	4	5	6
A	1.0000	0.3333	0.1111	0.0370	0.0123	0.0041
B	1.0000	0.3333	0.1111	0.0370	0.0123	0.0041
C	1.0000	0.3333	0.1111	0.0370	0.0123	0.0041

ATTACHMENT M

SIGNED

DATE

WITNESSED AND UNDERSTOOD BY

DATE

BRISTOL MYERS SQUIBB PHARMACEUTICAL RESEARCH INSTITUTE

NOTEBOOK No.

PAGE

Signal Test

Continued

Site

Plate 1 ZMCA072601a_n0

Minimum 9045.6 -16.47%

Maximum 12823.2

Average 10829.4

STDEV 738.3

	1	2	3	4	5	6
A	11194.4	10826.4	10314.4	10444.0	10192.8	9940.0
B	10764.0	11074.4	10508.0	9893.6	9832.8	9298.4
C	9922.4	11116.0	10592.8	10845.6	10831.2	10120.8

ATTACHMENT
N

SIGNED

DATE

WITNESSED AND UNDERSIGNED

DATE

Zhang Ma

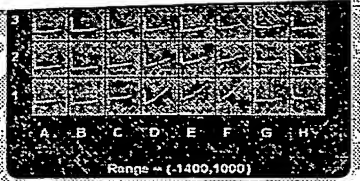
[Signature]

1993 03

NOTEBOOK No. PAGE

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ZnCo072501b_n1.fid



ATTACHMENT O

Range = (-1000,15000)

WITNESSED AND UNDERSTOOD BY:

DATE:

Zhenjie Ma

[Signature]

BRISTOL-MYERS SQUIBB PHARMACEUTICAL RESEARCH INSTITUTE

49513 083

NOTEBOOK No PAGE

Continued

File = D:\mash\ZMCs072601a_n1.fid

Plate 1

Statistic = Max - Min

Start Sample = 11 End Sample = 45

Positive Scaling = On Negative Correction = Off

Bias Value Subtract = On Spatial Uniformity Correction = On

Bias Sample = 1

	A	B	C	D	E	F	G	H
1	3.79	4.93	2.39	43.82	15.29	26.01	2.4	3.96
2	4.56	4.47	3.85	60.51	45.15	65.27	4.92	3.28
3	11.06	12.77	17.3	95.26	62.57	82.4	20.93	11.91

ATTACHMENT P

SIGNED

Zhengz Ma

DATE

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49513 084

NOTEBOOK No. PAGE

Continued

Test Occasion ID:
Protocol ID:
Study ID:
User ID:MDCaR010726-1
CaR_H_IC50
CaR
Zhengping Ma

Plate 1:

Compound ID	Conc (µM)	% TL1	% TL2	% TL3	Avg % TL	StDev	IC50
BMS-515632-02-002	1.000	3.79	4.98	2.99	3.72	1.30	0.024321
	0.333	4.56	4.47	8.85	4.29	0.39	0.0184
	0.111	11.06	12.77	17.3	13.71	3.22	-1.15
	0.037	32.3	43.99	44.12	40.14	6.79	
	0.012	56.61	49.98	99.99	68.53	27.51	
	0.004	41.18	61.95	37.58	46.90	13.16	
					5.5365	3.574	Calculated IC50



SIGNED

Zhengping Ma

DATE

WITNESSED AND UNDERSTOOD BY

DATE

ATTACHMENT Q

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